Phase 3 : Accelerate the pace of reform

Introduction of market mechanisms can begin once the unbundling has stabilised and efficiency gains have begun to be realised. In the third phase, customer choice should be introduced through phased customer eligibility. Wholesaler market mechanismus such as on an electricity pool or electricity exchanges can be introduced. Further unbundling of the value chain within each sub-sector will also be required, *e.g.* meter reading and plant maintenance. Regulatory mechanisms would also need to be further sharpened in this new regime.

Privatisation of Power Generation and Distribution

856. MISS MABEL REBELLO : Will the Minister of POWER pleased to State:

(a) the State-wise power projects in the country which have been privatized so far, for the last three years;

(b) the State-wise details regarding the privatization of power generation and distribution in the country;

(c) whether it has enabled States to reduce the power loss in transmission and distribution;

(d) if so, the State-wise decrease in transmission and distribution losses, for the last two years; and

(e) if not, the reasons therefor?

THE MINISTER OF STATE IN THE MINISTRY OF POWER

(SHRIMATI JAYAWANTI MEHTA) : (a) No privatisation of any power project during the last three years have been reported.

(b) Electricity is a concurrent subject and distribution is the responsibility of the State Government. As per information available, 18 companies are engaged in the distribution of power in the public sector and 11 in the private sector. Details are given in Statement I (*See* below).

(c) to (e) Statement II showing T and D losses for the period 1997-98 to 1999-2000 is enclosed (*see* below). It has been noted that reforming States, after detailed studies conducted into their operation, have reported higher T and D losses compared to figures before restructuring. The apparent increase in reporting of Transmission and Distribution losses by most of the SEBs is on account of a more realistic assessment of losses within the network. Since a

large number of consumers were unmetered, e.g. agricultural pumpsets, it was customary in the past to ascribe part of the losses particularly commercial losses (*i.e.* theft) to consumption by the unmetered segment. With State Regulatory Commissions insisting on sample metering of unmetered segments of consumers, energy audit etc. the T and D losses now being reported are closer to actual. Even now, the figures being reported are estimates on account of the continued existence of unmetered categories of consumers.

Central Electricity Authority have issued Guidelines for reduction of transmission and distribution losses in February, 2001. The steps taken to reduce the transmission and distribution losses include energy auditing, 100% metering, elimination of power theft and strengthening/upgradation of sub-transmission and distribution system. Comprehensive Guidelines have also been formulated by a Steering Committee of Experts to streamline the sub-transmission and distribution systems and ensure more reliable figures of energy generated and supplied.

During the present financial year, under APDRP, sub-transmission and distribution projects worth Rs. 8484.27 crores have been sanctioned for 284 towns for which an APDRP has been initiated. Under this programme 50% assistance is being provided for upgradation of the Sub-transmission and Distribution and the remaining 50% as cash incentive to utilities to reduce cash losses.

Stateemnt-I

Names of Companies engaged in distribution of power in Private and Public Sector

I. Public Distribution Companies :

Andhra Pradesh

1. Central Power Distribution Company
2. Eastern Power Distribution Company Ltd.
3. Northern Power Distribution Company Ltd.
4. Southern Power Distribution Company Ltd.

Haryana

5. Dakshin Haryana Bijli Vitran Nigam Ltd.
6. Uttar Haryana Bijli Vitran Nigam Ltd

Rajasthan

7. Ajmer Vidyut Vitran Nigam Ltd.

8. Jodhpur Vidyut Vitran Nigam Ltd.
9. Jaipur Vidyut Vitran Nigam Ltd.

Uttar Pradesh

10. Uttar Pradesh Power Corporation Ltd.
11. KESCO

Uttaranchal

12. Uttaranchal Power Corporation Ltd.

Karnataka

13. BESCOM
14. MESCOM
15. HESCOM
16. GESCOM

West Bengal

17. Durgapur Projects Ltd.
18. Disergarh Power Supply Company Ltd.

II. Private Distribution Companies :

Gujarat

1. Ahmedabad Electricity Company Ltd.
2. Surat Electricity Company Ltd.

Maharashtra

3. Bombay Suburban Electric Supply Co. Ltd.

West Bengal

4. Calcutta Electric Supply Company Ltd.

Uttar Pradesh

5. Greater NOIDA Power Company

Orissa

6. NESCO
7. WESCO
8. SOUTHCO

Delhi

9. North Delhi Power Company Ltd.
10. BSES Yamuna Power Ltd.
11. BSES Rajdhani Power Ltd.

Statement-I

Percentage Transformation, Transmission & Distribution losses (including commercial losses such as pilferage etc.) in SEBs/EDs

REGION/SEB/ED	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-2000*
Northern Region :								
Haryana	26.78	25.00	30.80	32.39	32.77	34.04	35.33	38.28
Himachal Pradesh	19.51	18.31	18.21	16.09	18.02	20.13	26.11	22.41
Jammu and Kashmir	48.28	45.69	48.74	47.52	48.27	49.95	47.64	44.90
Punjab	19.24	19.37	16.70	18.49	19.10	18.94	18.11	18.40
Rajasthan	22.74	25.00	24.78	29.27	26.28	26.41	29.53	30.44
Uttar Pradesh	24.43	24.08	21.69	21.84	24.84	26.18	30.23	39.83
Chandigarh	26.21	27.27	28.44	33.72	21.88	22.38	22.48	24.70
DVB (Delhi)	23.56	31.79	34.56	48.57	49.08	47.91	43.71	46.29
Western Region :								
Gujarat	22.03	20.34	20.02	20.08	17.14	21.57	20.83	21.59
Madhya Pradesh	21.35	20.26	19.61	17.84	19.24	19.58	19.87	32.38
Maharashtra	17.83	16.22	16.33	16.95	16.55	18.75	18.41	32.28
D and N Haveli	17.98	12.64	11.35	09.31	08.80	12.90	15.37	31.69
Goa	21.85	24.50	26.87	26.06	23.50	31.02	30.40	27.56
Daman and Diu	15.67	22.34	16.30	12.80	08.15	14.69	21.83	11.83
Southern Region :								
Andhra Pradesh	19.88	19.91	17.95	19.34	33.19	32.14	34.09	37.13

*—Provisional

Karnataka	19.55	19.55	19.41	19.06	18.73	19.31	30.45	38.22
Kerala	21.95	20.00	20.05	21.12	20.59	18.73	17.18	17.05
Tamil Nadu	17.50	17.18	17.11	16.19	17.65	17.29	17.22	16.83
Lakshadweep	18.72	16.99	17.84	17.23	15.11	15.70	12.78	10.13
Pondicherry	15.31	15.80	15.00	16.54	17.38	13.56	10.44	12.25
Eastern Region :								
Bihar	22.00	20.35	19.76	15.91	25.31	16.26	24.80	21.43
Orissa (GRIDCO)	25.25	22.43	23.03	24.17	50.15	50.10	36.72	5.62@
Sikkim	22.55	22.60	21.22	16.47	29.24	22.87	12.44	12.07
West Bangal	24.87	20.82	21.51	19.26	18.01	19.67	23.73	27.79
A and N Island	23.62	23.71	22.38	19.25	19.15	20.59	20.03	16.52
North Eastern Region :								
Assam	21.41	22.44	24.18	26.91	25.97	27.32	38.72	38.96
Manipur	22.35	23.92	25.30	24.85	22.95	21.09	59.55	62.06
Mehgalaya	11.79	18.03	18.47	12.55	19.75	12.28	19.66	27.66
Nagaland	27.26	33.45	36.12	35.17	26.81	29.79	26.52	32.32
Tripura	30.64	30.53	31.96	30.86	30.11	31.11	26.82	29.63
Arunachal Pradesh	32.32	42.04	45.30	37.12	32.62	34.10	30.60	47.12
Mizoram	29.04	31.89	29.76	25.18	34.35	46.84	44.79	47.63
ALL INDIA (UTILITIES)	21.80	21.41	21.13	22.27	24.53	24.79	26.45	30.93

@ — for 1999-2000 in case of Orissa the losses are for GRIDCO only.